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1645

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PATENT

Attorney Docket No. CYM-036 (2174/48)

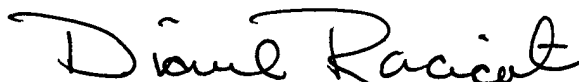
P#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Lentricchia et al.  
SERIAL NO.: 10/053,349 GROUP NO.: 1645  
FILING DATE: January 15, 2002 EXAMINER: Not Yet Assigned  
TITLE: Nucleic Acid Extraction Solution and Use Thereof

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on this 22<sup>nd</sup> day of November, 2002.

  
Diane Racicot

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. Form PTO-1449 (1 page);
4. Cited References A1, A2, C1-C8;
5. and a return receipt postcard.



# TRANSMITTAL FORM

Application Serial Number	10/053,349
Filing Date	January 15, 2002
First Named Inventor	Lentrichia
Group Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket No.	CYM-036
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

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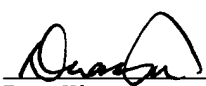
## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Second Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs) <input checked="" type="checkbox"/> Form PTO-1449 (1 pg) <input checked="" type="checkbox"/> Copies of IDS Citations (A1, A2, C1-C8)	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
	<input type="checkbox"/> CD(s) for large table or computer program	
	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,  
  
Date: November 22, 2002  
Reg. No. (Limited Recognition)  
Tel. No.: (617) 248-7808  
Fax No.: (617) 248-7100  
Duan Wu  
Attorney for Applicant  
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125 High Street  
Boston, MA 02110



PATENT  
Attorney Docket No. CYM-036 (2174/48)

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SERIAL NO.: 10/053,349 GROUP NO.: 1645  
FILING DATE: January 15, 2002 EXAMINER: Not Yet Assigned  
TITLE: Nucleic Acid Extraction Solution and Use Thereof

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

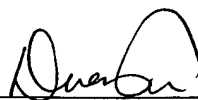
- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

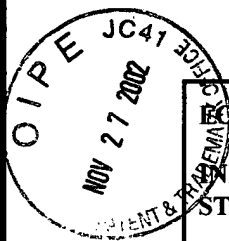
Respectfully submitted,

Date: November 22, 2002  
Reg. No. (Limited Recognition)

Tel. No.: (617) 248-7808  
Fax No.: (617) 248-7100

2293568

  
\_\_\_\_\_  
Duan Wu  
Attorney for Applicants  
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High Street Tower  
125 High Street  
Boston, Massachusetts 02110



FORM PTO - 1449

INFORMATION DISCLOSURE  
STATEMENT

ATTORNEY DOCKET NO.: CYM-036

APPLICANT(S): Lentrichia et al

SERIAL NO.: 10/053,349

FILING DATE: January 15, 2002

GROUP: 1645

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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	2,748,171	5/29/56	Finch et al.			
	A2	5,942,391	8/24/99	Zhang et al.			

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Austin et al., "Extraction and PCR of DNA From Parasitoid Wasps That Have Been Chemically Dried" <u>Australian Journal of Entomology</u> , Vol. 36, 1997, pp. 241-244.							
	C2	Boom et al., "Rapid and Simple Method for Purification of Nucleic Acids" <u>Journal of Clinical Microbiology</u> , Vol. 28, No. 3, March 1990, pp. 495-503.							
	C3	Fanson et al., "A Comparison Between the Phenol-Chloroform Method of RNA Extraction and The QIAamp Viral RNA Kit in the Extraction of Hepatitis C and GB Virus-C/Hepatitis G Viral RNA From Serum" <u>Journal of Virological Methods</u> , Vol. 89, 2000, pp. 23-27.							
	C4	Forbes et al., "Substances Interfering with Direct Detection of <i>Mycobacterium tuberculosis</i> in Clinical Specimens by PCR: Effects of Bovine Serum Albumin" <u>Journal of Clinical Microbiology</u> , Vol. 34, No. 9, September 1996, pp. 2125-2128.							
	C5	Gossack et al., "Use of DNA Purification Kits for Polymerase Chain Reaction Testing of Gen-Probe <i>Chlamydia trachomatis</i> PACE 2 Specimens" <u>Sexually Transmittal Diseases</u> , Vol. 25, No. 5, May 1998, pp. 265-271.							
	C6	Lentrichia et al., "Detection of <i>C. trachomatis</i> from the ThinPrep Pap Test Using Rapid Extraction and Thermocycling with Real-Time Detection by Molecular Beacons" <u>International Congress of Sexually Transmitted Infections ISSTD/IUSTI</u> , June 24-27, 2001, pp. 67-73.							
	C7	Sambrook et al., "Isolation of DNA from Mammalian Cells: Protocol I & II," <u>Molecular Cloning a Laboratory Manual</u> , 1989, § 9.16-9.23 (2d Ed.).							
	C8	Walsh et al., "Chelex ® 100 as a Medium for Simple Extraction of DNA for PCR-Based Typing from Forensic Material" <u>BioTechniques</u> , Vol. 10, No. 4, 1991, pp. 506-513.							

EXAMINER

DATE CONSIDERED

2293006